

CROSBIE FOUNDRY COMPANY, INC.

Document: Receipt for Certified Mail sent to Crosbie Foundry, Inc.
Date: 11/10/88

Document: Domestic Return Receipt for Certified Mail sent to Crosbie Foundry, Inc.
Date: 11/14/88

Document: General Correspondence
From: Sue A. Karkiewicz, Claims Manager
 Midwest Commerce Insurance
 P.O. Box 1724
 Elkhart, IN 46515
 (219) 293-4565

To: Mr. John Crosbie
 Crosbie Foundry Co., Inc. (Crosby)
 1600 Mishawaka St.
 Elkhart, IN 46514

Date: 11/18/88

Summary: List of liability policies for the years 1983 through 1989. During this time period, Crosbie's insurance was written with Commercial Union Insurance Co.

- 6/13/83-84 - Policy #CAPAIW664508
- 6/13/84-85 - Policy #CAPAIW664508
- 6/13/85-86 - Policy #CAPAIW664508
- 6/13/86-87 - Policy #CAPAIW739171
- 6/13/87-88 - Policy #CAPAIW797922
- 6/13/88-89 - Policy #CAPAIW824202

Document: Cover of Certified Mail Envelope
From: Crosbie
To: Susan Swales, U.S. EPA Region V 11/21/88
Date: 11/21/88

Document: Response to Information Request Letter
From: John Crosbie, Secretary/Treasurer
 Crosbie
To: Susan Swales, U.S. EPA Region V
Date: 11/21/88

CROSBIE FOUNDRY COMPANY, INC. (Continued)

Summary:

Responses to 104(e) letter dated 11/15/88.

- Crosbie Foundry produces non-ferrous castings in sand molds. To create castings, the following takes place: mold making, metal melting, casting cut-off, casting cleaning, grinding, polishing, inspection, shipping.
- Wastes generated from operations include: Paper products from bathroom & lunchroom, polishing belts, grinding belts, slag from furnace operations, grindings and polishing and grinding dust collectors, metal chips from abrasive saw cut-off, dust from blast machine dust collectors, spent sand from molding operations, burnt core butts.
- All of the following are recycled to scrap metal salvage dealers: furnace slag, grindings from polishing and grinding, metal chips from abrasive cut-off saw, dust from blast machine collectors
- All of the following are handled by Himco: paper debris from bathrooms & lunchroom, abrasive polishing & grinding belts, spent sand from casting process after it has been decontaminated, shell core butts after being decontaminated.
- SIC code is 3369
- Crosbie never disposed of any hazardous waste. As a regulated small quantity generator, they began treating their waste sand to decontaminate it.
- Himco handled their waste disposal requirements. Copy of special waste disposal approval case no. 80221 attached.
- Waste disposal attached
- Insurance info attached

Document:

Domestic Return Receipt for Certified Mail sent to Crosbie Foundry, Inc.

Date:

4/24/89

CROSBIE FOUNDRY COMPANY, INC. (Continued)

Document: Supplemental Response to Information Request Letter
From: Daniel J. Crosbie, President
Crosbie
To: Susan Swales, U.S. EPA Region V
Date: 4/26/89
Summary: Since the exact nature of toxic pollutants present in the landfill is unknown to Crosbie, they cannot determine whether Crosbie actually contributed to the problem or just to the volume of material in the landfill.

- Anxious to have their position clarified as a potential contributor to the landfill in question.
- Affidavit - confirms that a diligent record search was conducted & diligent interviews took place with present & former employees who may have knowledge re: operations, hazardous substance use, storage, treatment, disposal, or other handling practices at Crosbie from 1960-1979. Signed by Daniel Crosbie, Pres., Gregory Crosbie, V.P., and John Crosbie, Secretary/Treasurer.
- Responses to 104(e) questions
- Daniel & Alberta Crosbie, owner '56 - 7/85, Daniel Crosbie, employee since 9/8/64, owner since 7/85, John F. Crosbie, employee since 12/1/75, owner since 7/85, William Petty, foundry foreman since 1/71, Helen Glick, Secretary & Bookkeeper since 2/72, & Patty, Himco office employee involved in day-to-day operations since the business began in '56.
- No doc's for 60-77 remain in Crosbie's possession. Crosbie policy to destroy any non-permanent records older than 7 years. They possess no accounts payable ledgers older than '82.
- Since company began in '56, it has always been a non-ferrous sand casting foundry. The product they make requires relatively small amounts of brass and bronze material & large amounts of skilled labor. This was the only products produced until around '70 when operations diversified (all operations detailed in prior info request response).
- Primary raw materials & supplies used between '60-'77: Bronze & brass ingots, silica sand, fuel oil and electricity, silicon carbide crucibles, aluminum oxide abrasive belts, wool felt wheels, resin coated silica sand, glass.
- Primary wastes generated: waste paper, drinking cups, & other similar materials from employee washrooms, eating areas, abrasive belts which were discarded after polishing & grinding operations have worn them beyond further use. Silica sand is discarded when it has been burned beyond possible further use. Furnace slag & skimmings from the molten metal have always been sold to scrap reclaimers since the company began. Metal dust & grindings were also always sold to scrap reclaimers since the company began. Metal borings & chips are

CROSBIE FOUNDRY COMPANY, INC. (Continued)

also sold to metal reclaimers. Wasted core sand and shell core butts are generated during the casting process if shell cores are utilized.

After '70, silica sand, waste core butts, & core sand were also discarded along with the paper & abrasive belts.

- Prior to '70, the company utilized no waste removal service. All flammable wastes were incinerated regularly, & no appreciable amounts of waste silica sand were generated. The sand was constantly reclaimed & revitalized and returned to production. Starting 12/70, Himco began removal of company waste on a monthly basis. The Waste was contained in a 4 cu. yd. container. Later, waste removal increased to twice per month. The companies that purchased the metal containing waste material from '60-'77 included: Eastern Smelting & Refining, Buckeye Metals, Sipi Metals, Sam Winer, Mishawaka Brass.
- No doc's. pertaining to waste removal during the time period in question. Only document provided is a letter identifying start of service with Himco on 1/12/70.
- No wastes were disposed of on Crosbie Foundry property except for the paper materials incinerated in burning barrels between '56 - '70.
- Company sales growth chart, ('60-'79), Crosbie Ingot Spec's., and invoices indicating scrap materials sales from '65-'77 attached

Document: Certified Mail Envelope
From: Crosbie Foundry, Inc.
To: Susan Swales
Date: 5/2/89

Document: Supplemental Response to Information Request Letter
From: John F. Crosbie, Secretary/Treasurer
Crosbie, Inc.
To: Susan Swales, U.S.EPA Region V
Date: 5/9/89

Summary: Additional response to EPA Follow Letter dated 4/21/89. Accounts payable ledger sheets dated 1970 through 1979 were located for Crosbie. These sheets verify pick-up schedule with Himco Waste-Away Svc.

- Included is a detailed summary from 2/5/70 to 12/31/77.
- The amount of these charges confirms the twice monthly service on a 4 cubic yard waste container.
- The largest percentage of waste was paper, abrasive belts, and other general trash.

CROSBIE FOUNDRY COMPANY, INC. (Continued)

Document: Receipt for Certified Mail sent to Crosbie Foundry, Inc.
Date: 5/21/89

Document: Supplemental Response to Information Request Letter
From: John Crosbie, Secretary/Treasurer
To: Susan Swales, U.S. EPA Region V
Date: 5/23/89
Summary: Analysis which should provide an idea of the actual amount of foundry sand and waste disposed of at Himco from 1970-1977 by Crosbie.

- Analysis:

Sales - 1982-1988		\$10,462,000.00
Sand Purchased (weight)		230,000.00 lbs.
% sand purchased/sales		.02
Sales - 1970-1977		\$5,800,000.00
\$5,800,000.00 x .02	=	116,000 lbs.
1 drum of dry sand		500 lbs.
116,000 lbs. / 500 lbs./drum		232 drums of sand waste
1 drum (55 gallon)	=	7.25 ft ³ of sand
232 drums x 7.25 ft ³ of sand	=	682 ft ³ of sand
1682 ft ³ of sand/27 cubic feet/yd.	=	62 cubic yards
- Unlikely that more than 62 yds.³ of molding sand and core sand were purchased during years 1970-1977.
- Most certainly a sizable amt. of the material purchased was still in production after the landfill closed in 1977.
- A realistic estimate of waste sand volume would be in the range of 30 cubic yards.
- Only a small % of material contributed by Crosbie consisted of foundry waste.

Document: Response to Special Notice Letter
From: John Crosbie, Secretary/Treasurer
Crosbie
To: Debbie Fript, U.S. EPA Region V
Date: 9/14/90
Summary:

- Letter explains that Crosbie never generated any waste containing sodium.
- Crosbie began operations in 1956.
- Crosbie has 25 employees (as of date) ...small company
- The waste generated at Crosbie did not contribute to any groundwater Problem involving sodium at the Himco landfill.

CROSBIE FOUNDRY COMPANY, INC. (Continued)

Document: Ledgers
From: Crosbie
Summary: Himco Waste-Away Service, Inc.
Identifies the following:
• Date of Service ('82-'88)
• Cubic Yards (8-24)

Document: Statements
From: Himco Waste-Away Service, Inc.
To: Crosbie for waste-removal services.
• 2/1/82 - 10/31/88